

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. - 8. (canceled).

9. (previously presented):

A liquid jetting apparatus comprising;

a container-setting portion at which a liquid container is set, the liquid container having a liquid chamber that contains liquid,

a head member having a nozzle,

a liquid way that can communicate with the liquid chamber of the liquid container set at the container-setting portion and the nozzle,

a liquid discharging unit that can cause the liquid to be discharged from the nozzle, and

a liquid discharging controller that can control the liquid discharging unit based on information about sedimentation-property of the liquid in the liquid chamber and information about sedimentation-state of the liquid in the liquid chamber,

a clock component that knows a present time, and

a sedimentation-state acquiring unit that can acquire the information about sedimentation-state of the liquid in the liquid chamber,

wherein

the information about sedimentation-state of the liquid in the liquid chamber is
information about a point of time that is a standard for judgement of the sedimentation-state,
the liquid discharging controller has:

a calculating part that can calculate a passed time until the present time based on the
information about a point of time that is a standard for judgement of the sedimentation-state, and
a main controlling part that can control the liquid discharging unit based on the passed
time,

wherein:

a liquid-consumption totaling unit that can total a liquid consumption from the nozzle,
and

a liquid-end determining unit that can determine a liquid end based on the information
about a point of time that is a standard for judgment of the sedimentation-state and the liquid
consumption.

10. (original): A liquid jetting apparatus according to claim 9, wherein:

the liquid-end determining unit has:

a calculating part that can calculate a passed time until the present time based on the
information about a point of time that is a standard for judgment of the sedimentation-state, and
a main determining part that can determine the liquid end based on the passed time.

11. (original): A liquid jetting apparatus according to claim 10, wherein:

the main determining part is adapted to determine the liquid end correspondingly to a smaller liquid consumption when the passed time is longer.

12. - 40. (canceled).

41. (previously presented): A liquid jetting apparatus comprising;

a container-setting portion at which a liquid container is set, the liquid container having a liquid chamber that contains liquid;

a head member having a nozzle;

a liquid way that can communicate with the liquid chamber of the liquid container set at the container-setting portion and the nozzle;

a liquid discharging unit that can cause the liquid to be discharged from the nozzle;

a liquid discharging controller that can control the liquid discharging unit based on information about sedimentation-state of the liquid in the liquid chamber;

a clock component that knows a present time;

a sedimentation-state acquiring unit that can acquire the information about sedimentation-state of the liquid in the liquid chamber;

a liquid-consumption totaling unit that can total a liquid consumption from the nozzle,

and

a liquid-end determining unit that can determine a liquid end based on the information about a point of time that is a standard for judgement of the sedimentation-state and the liquid consumption

and the liquid discharging controller further having:

a calculating part that can calculate a passed time until the present time based on the information about a point of time that is a standard for judgement of the sedimentation-state, and

a main controlling part that can control the liquid discharging unit based on the passed time;

wherein

the information about sedimentation-state of the liquid in the liquid chamber is information about a point of time that is a standard for judgement of the sedimentation-state.

42. (previously presented): A liquid jetting apparatus according to claim 41, wherein:
the liquid-end determining unit further includes:
a calculating part that can calculate a passed time until the present time based on the information about a point of time that is a standard for judgement of the sedimentation-state, and
a main determining part that can determine the liquid end based on the passed time.

43. (previously presented): A liquid jetting apparatus according to claim 42, wherein:
the main determining part is adapted to determine the liquid end correspondingly to a smaller liquid consumption when the passed time is longer.

44. - 46. (canceled).

47. (previously presented):

A liquid jetting apparatus comprising:

a container-setting portion at which a liquid container is set, the liquid container having a liquid chamber that contains liquid and a storage that stores information about sedimentation-state of the liquid in the liquid chamber, the liquid including a sinkable constituent,

a head member having a nozzle,

a liquid way that can communicate with the liquid chamber of the liquid container set at the container-setting portion and the nozzle, and

a sedimentation-state acquiring unit that can acquire the information about sedimentation-state of the liquid in the liquid chamber from the storage unit,

and wherein

the information about sedimentation-state of the liquid in the liquid chamber is information about a point of time that is a standard for judgment of the sedimentation-state,

and wherein

the point of time that is a standard for judgment of the sedimentation-state is a point of time when the liquid container was stirred previous time,

a clock component that knows a present time, and

a calculating part that can calculate a passed time until the present time based on the information about a point of time that is a standard for judgment of the sedimentation-state,

a liquid discharging unit that can cause the liquid to be discharged from the nozzle, and
a main controlling part that can control the liquid discharging unit based on the passed
time,

wherein:

the main controlling part is adapted to control the liquid discharging unit when the liquid
container is replaced with a new liquid container in such a manner that a volume of the liquid to
be initially discharged is larger when the passed time calculated based on the information about
sedimentation-state of the liquid in the liquid chamber of the new liquid container set at the
container-setting portion is longer.

48. (previously presented): A liquid jetting apparatus comprising:

a container-setting portion at which a liquid container is set, the liquid container having a
liquid chamber that contains liquid and a storage that stores information about sedimentation-
state of the liquid in the liquid chamber, the liquid including a sinkable constituent,

a head member having a nozzle,

a liquid way that can communicate with the liquid chamber of the liquid container set at
the container-setting portion and the nozzle, and

a sedimentation-state acquiring unit that can acquire the information about sedimentation-
state of the liquid in the liquid chamber from the storage unit,

and wherein

the information about sedimentation-state of the liquid in the liquid chamber is
information about a point of time that is a standard for judgment of the sedimentation-state,
and wherein

the point of time that is a standard for judgment of the sedimentation-state is a point of
time when the liquid container was stirred previous time,

a liquid discharging unit that can cause the liquid to be discharged from the nozzle, and
a main controlling part that can estimate the sedimentation-state based on the information
about a point of time that is a standard for judgment of the sedimentation-state and information
about easiness of sedimentation of the sinkable constituent in the liquid, and that can control the
liquid discharging unit based on the estimated sedimentation-state.

49-52. canceled.